

10004909-1

S/N: 09/765,172

John M. Baron

2

RECEIVED
CENTRAL FAX CENTER

JUL 10 2007

In the Claims

1. (Currently Amended) A camera comprising:
a controller configured to control an execution of a functional device;
A display for use in controlling the execution of a the functional device, said display
comprising; and
an electronic control system housed in association with said display, said electronic
control system including a switch platform mounted to detect a touching about a periphery of said
display and to provide a plurality of discrete output signals each indicative of a portion of said
periphery at which said touching is detected a switch platform configured to provide control
signals to said controller for selecting parameter values used in conjunction with said functional
device, said switch platform mounted to detect a touching about a periphery and a central portion
of said display and operational for providing a plurality of discrete output signals to said
controller, each indicative of a portion of said periphery or said central portion at which said
touching is detected;
wherein said switch platform comprises:
periphery pressure sensitive switches disposed on said display in proximity to
respective edges of said display and configured so that touching at a corner operates a
corresponding one of said switches and touching at a midpoint of one of said edges
operates a corresponding pair of said switches; and
a central pressure sensitive switch disposed on said display and positioned to
detect touching at the central portion of said display.
2. (Currently Amended) The display camera of claim 1 wherein said display is a flat panel display.
3. (Currently Amended) The display camera according to claim 1 wherein:
said functional device comprises an optical imaging device.
4. (Currently Amended) The display device camera according to claim 3 wherein
said optical imaging device includes an optical system configured to project an image onto a light sensitive media.

John M. Baron

10004909-1

S/N: 09/765,172

3

5. ~~(Canceled) The display according to claim 2 wherein said switch platform comprises pressure sensitive switches mounted in proximity to respective edges of said display and configured so that touching at a corner operates a corresponding one of said switches and touching at a midpoint of one of said edges operates a corresponding pair of said switches.~~

6. (Currently Amended) The display camera according to claim 1 wherein said display is mounted on said switch platform, ~~said switch platform~~, which, in turn, is mounted on an enclosure, wherein said enclosure encompasses at least a portion of said functional device, and ~~said switch platform including wherein said periphery~~ pressure sensitive switches positioned to detect pressure applied proximate respective corners of said display.

7. (Currently Amended) The display camera according to claim 6 ~~further comprising a wherein said central~~ pressure sensitive is switch positioned to detect pressure applied to ~~a the~~ central portion of said display.

8-9. ~~(Canceled) The display device according to claim 1 wherein said switch platform comprises a plurality of electrical switches mounted adjacent respective edges of said display and a frame mounted to said switches, said frame surrounding said display, said frame and switches configured to detect pressure applied proximate respective corners of said flat panel display.~~

9. ~~The device according to claim 8 further comprising a pressure sensitive switch positioned to detect pressure applied to a central portion of said display.~~

10. (Currently Amended) The display camera according to claim 1 wherein said display is a rectangular shaped liquid crystal display device.

11. (Currently Amended) The display device camera according to claim 2 wherein ~~said electronic control system controller~~ is configured to cause said display to display a value of a control parameter and to detect an operation of said switch platform to change said value.

12. (Currently Amended) The display device camera according to claim 1 wherein ~~said electronic control system controller is and said switch platform are~~ configured to allow a user to selectively position a cursor ~~or on~~ said display.

10004909-1

S/N: 09/765,172

John M. Baron

4

13. (Currently Amended) A camera comprising:
an optical system configured to project an image onto an imaging platform;
a controller configured to control an operation of said optical system;
a display operable to provide a visual display of parameter values used in conjunction with said optical system; and

a switch platform configured to provide control signals to said controller for selecting said parameter values, said switch platform mounted to detect a touching about a periphery and a central portion of said display and operational for providing a plurality of discrete output signals to said controller, each indicative of a portion of said periphery or said central portion at which said touching is detected;

wherein said switch platform comprises:

pressure sensitive switches disposed on said display in proximity to respective edges of said display and configured so that touching at a corner operates a corresponding one of said switches and touching at a midpoint of one of said edges operates a corresponding pair of said switches; and

a pressure sensitive switch disposed on said display and positioned to detect pressure applied to a central portion of said display.

14. (Original) The camera according to claim 13 wherein said display is a flat panel display.

~~15-16. (Canceled) The camera according to claim 13 wherein said switch platform comprises a plurality of electrical switches mounted adjacent respective edges of said display and a frame mounted to said switches, said frame surrounding said display, said frame and switches configured to detect pressure applied proximate respective edges of said flat panel display.~~

~~16. The camera according to claim 15 further comprising a pressure sensitive switch positioned to detect pressure applied to a central portion of said flat panel display.~~

John M. Baron

10004909-1
S/N: 09/765,172

5

17. (Currently Amended) The camera according to claim 13 wherein said display is configured to sequentially display a plurality of parameters in response to respective activations of left and right portions of said switch platform, increase and decrease a value associated with a displayed one of said parameters in response to activations of top and bottom portions of said switch platform, and select a displayed one of said values in response to a touching of ~~a the~~ central portion of said flat-panel display.

18-20. (Canceled) An operator interface device comprising:
~~a display panel operable to provide a visual display indicative of a parameter to be controlled and values associated with respective ones of said parameters;~~
~~a first discrete electrical switch operable to select a displayed value in response to a touching of a central portion of said display panel;~~
~~an array of discrete pressure sensitive electrical switches positioned adjacent respective edges of said display panel; and~~
~~a frame attached to said array of pressure sensitive electrical switches and configured whereby a pressure applied to a portion of said frame adjacent a respective edge of said display panel causes an activation of a corresponding one of said switches.~~

~~19. The operator interface device according to claim 18 wherein said display panel includes left, right, top and bottom edges, said frame comprising corresponding left, right, top and bottom portions whereby a pressure applied to said left and right portions of said frame causes respective reverse and forward scrolling through said parameters and a pressure applied to said top and bottom portions of said frame causes respective forward and reverse scrolling through values associated with a selected one of said parameters.~~

~~20. The operator interface device according to claim 18 wherein said frame is positioned peripheral to said display panel.~~

10004909-1

S/N: 09/765,172

John M. Baron

6

RECEIVED
CENTRAL FAX CENTER

JUL 10 2007

21. (New) An operator interface device comprising:

- a controller;
- a display panel operable to provide a visual display indicative of a parameter to be controlled and values associated with respective ones of said parameters;
- a first discrete electrical switch disposed on said display panel and operable to select a displayed value in response to a touching of a central portion of said display panel; and
- an array of discrete pressure sensitive electrical switches disposed on said display panel and positioned adjacent respective edges of said display panel;

wherein a pressure applied adjacent a respective edge of said display panel causes an activation of a corresponding one of said switches;

wherein said display panel includes left, right, top and bottom edges, wherein a pressure applied to said left and right edges of said display panel causes respective reverse and forward scrolling through said parameters and a pressure applied to said top and bottom edges of said display panel causes respective forward and reverse scrolling through values associated with a selected one of said parameters.

22. (New) The camera of claim 1 wherein a user manipulates a cursor to scroll through items on a pick list on said display by pressing a top or bottom edge of said display;

wherein when an appropriate item is highlighted in the pick list, the user presses the central portion of said display to activate the central pressure sensitive switch which acts as an enter or select key.

23. (New) The camera of claim 22 wherein to scroll through sub-options of the highlighted item, the user manipulates the cursor or prompt to enter sub-menus by pressing a left or right edge of said display;

wherein when an appropriate item is highlighted in the pick list, the user presses the central portion of said display to activate the central pressure sensitive switch which acts as an enter or select key.

John M. Baron

10004909-1
S/N: 09/765,172

7

24. (New) The camera of claim 13 wherein a user manipulates a cursor to scroll through items on a pick list on said display by pressing a top or bottom edge of said display;

wherein when an appropriate item is highlighted in the pick list, the user presses the central portion of said display to activate the central pressure sensitive switch which acts as an enter or select key;

wherein to scroll through sub-options of the highlighted item, the user manipulates the cursor or prompt to enter sub-menus by pressing a left or right edge of said display;

wherein when an appropriate item is highlighted in the pick list, the user presses the central portion of said display to activate the first discrete electrical switch which acts as an enter or select key.

25. (New) The camera of claim 13 further comprising a viewfinder display in communication with the controller for displaying information from the controller to a user peering through a viewfinder.

26. (New) The operator interface device of claim 21 wherein a user manipulates a cursor to scroll through items on a pick list on said display panel by pressing the top or bottom edge of said display panel;

wherein when an appropriate item is highlighted in the pick list, the user presses the central portion of said display to activate the first discrete electrical switch which acts as an enter or select key.

27. (New) The operator interface device of claim 26 wherein to scroll through sub-options of the highlighted item, the user manipulates the cursor or prompt to enter sub-menus by pressing a left or right edge of said display;

wherein when an appropriate item is highlighted in the pick list, the user presses the central portion of said display to activate the central pressure sensitive switch which acts as an enter or select key.

28. (New) The operator interface device of claim 21 further comprising a viewfinder display in communication with the controller for displaying information from the controller to a user peering through a viewfinder.